

**FIG. 1**



Re: Applied Materials Docket No.: 7156/SYNX/JB  
SUBSTRATE CARRIER HAVING DOOR LATCHING AND SUBSTRATE  
CLAMPING MECHANISMS  
Inventor(s): Michael R. Rice, Martin R. Elliott, Robert B.  
Lowrance, Jeffrey C. Hudgens and Eric A.  
Englhardt  
Serial No.: unknown  
Filing Date: herewith

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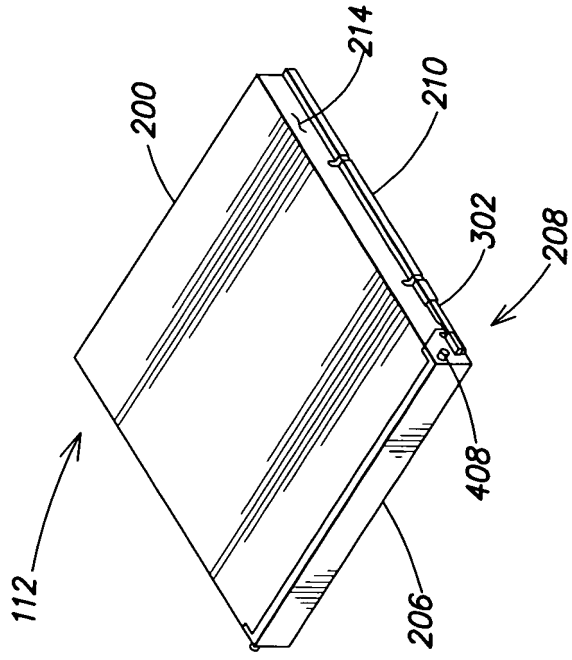


FIG. 2A

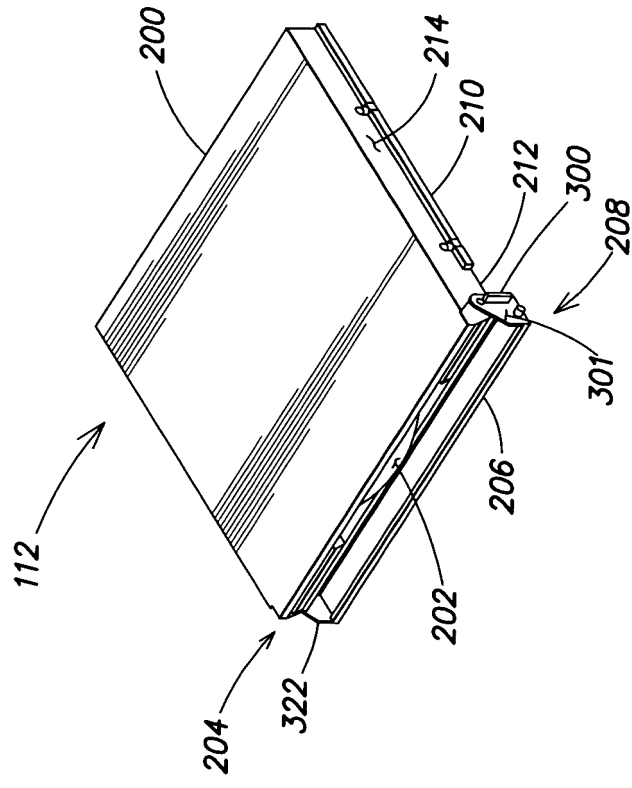


FIG. 2B



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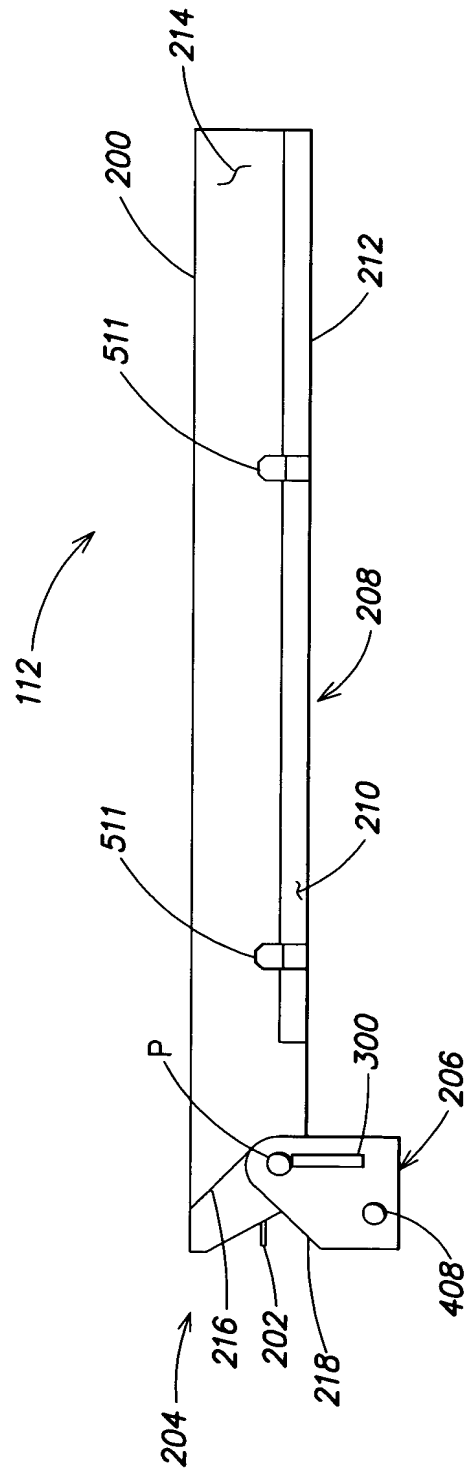


FIG. 2C



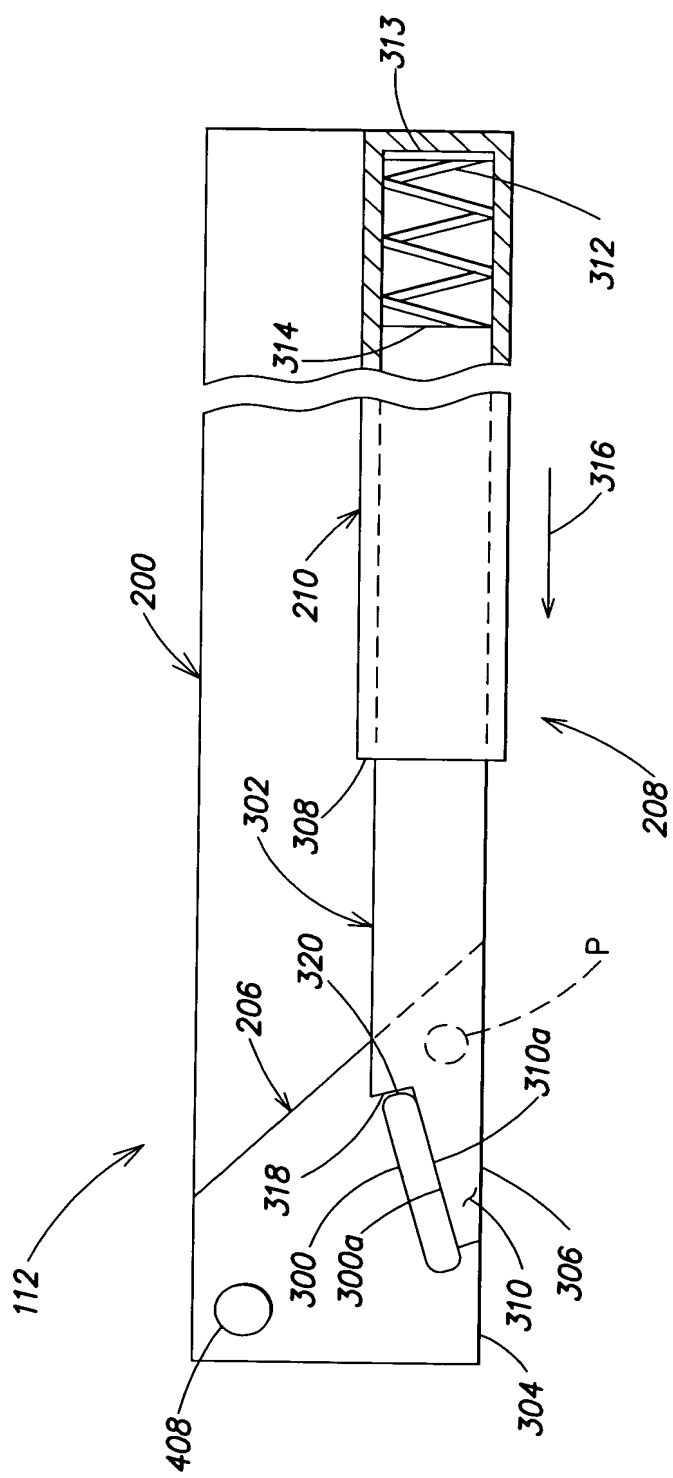
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**FIG. 3**



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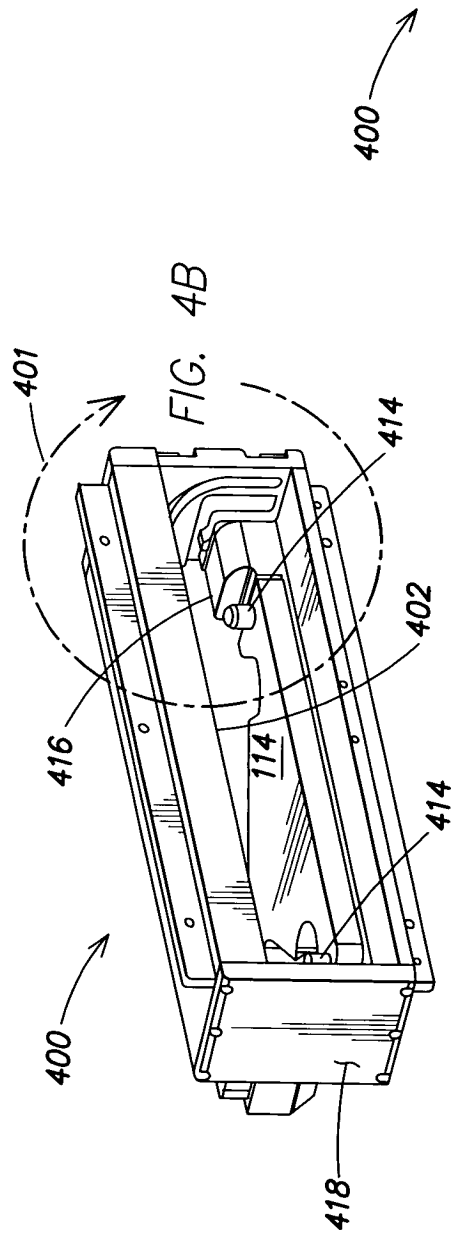
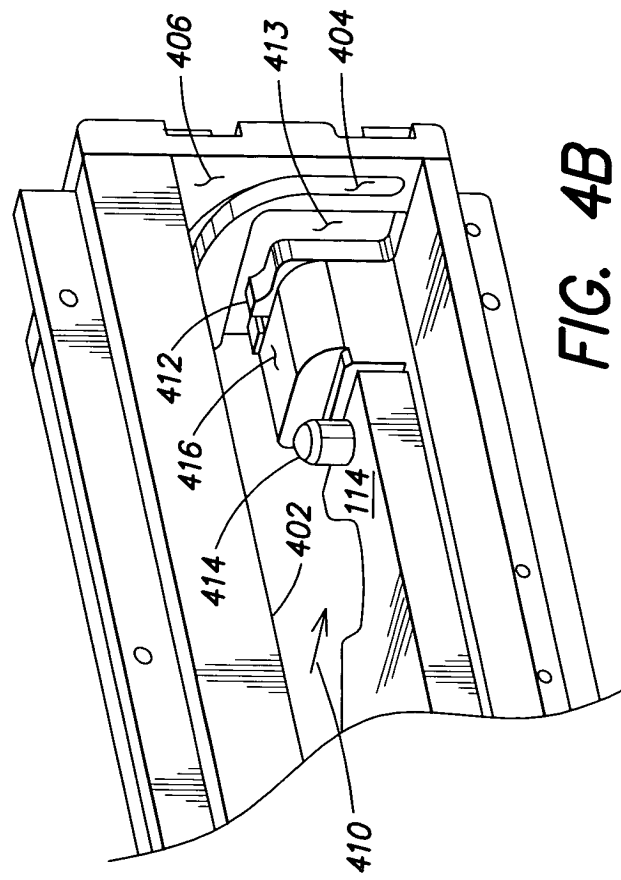


FIG. 4A





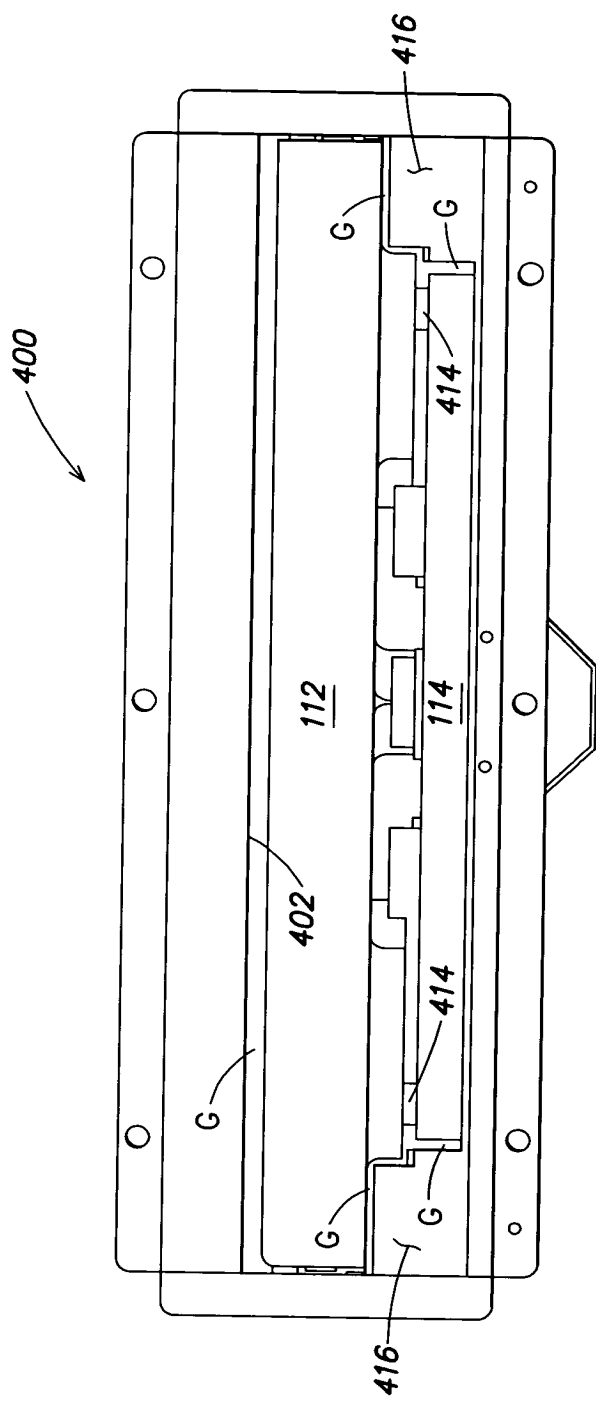
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**FIG. 4C**



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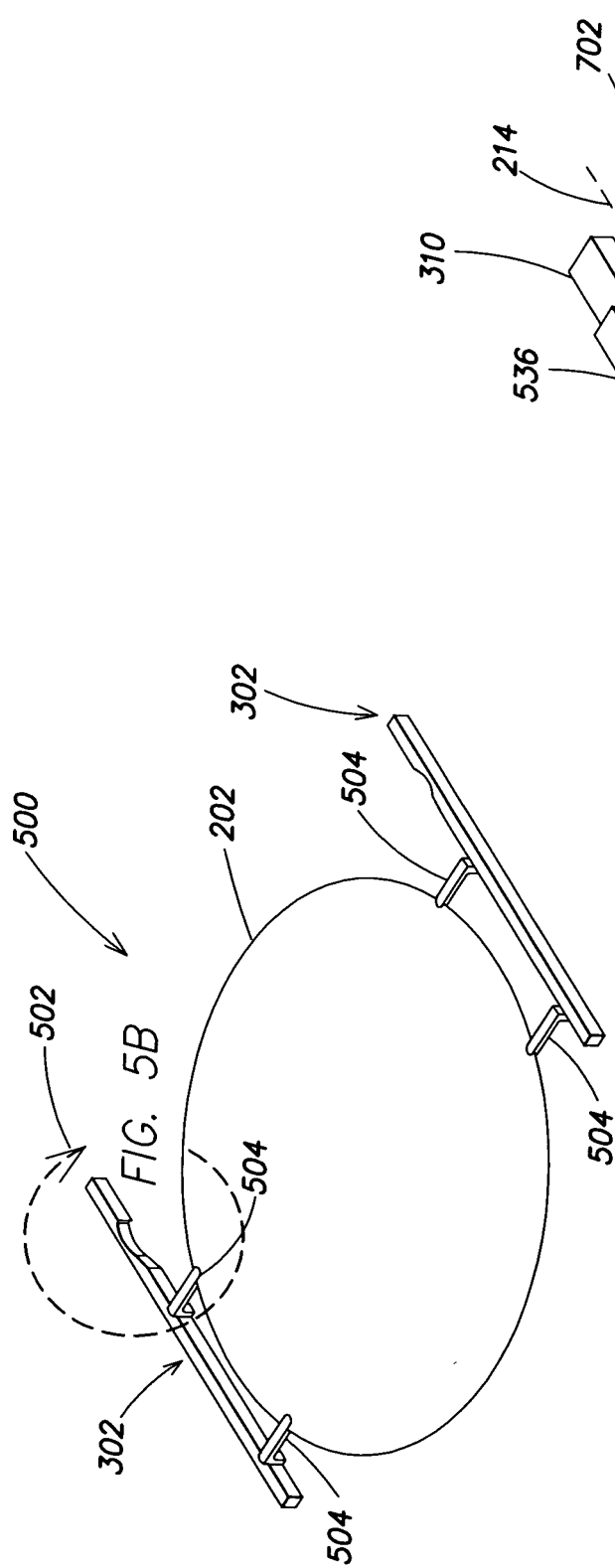


FIG. 5A

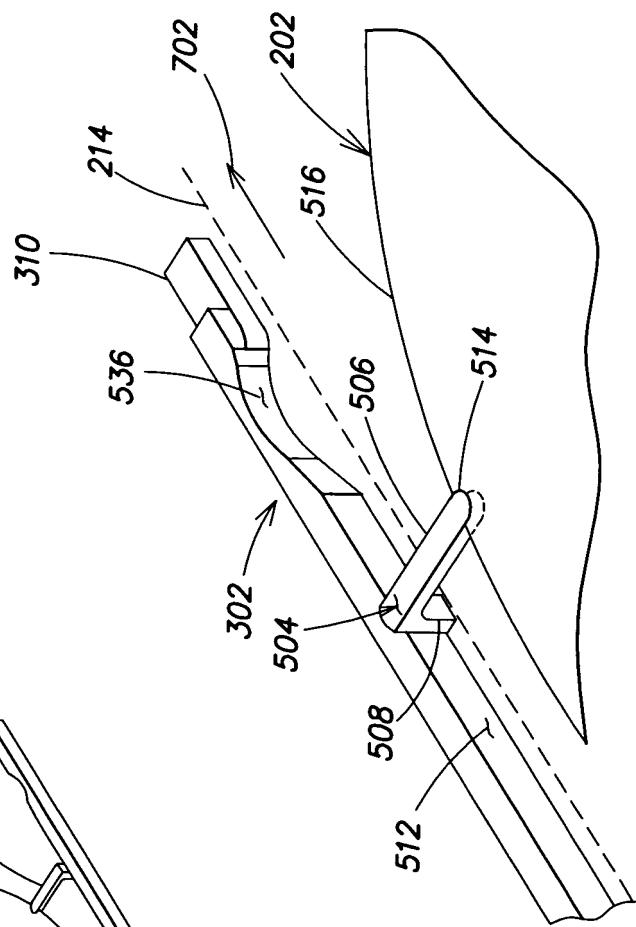


FIG. 5B



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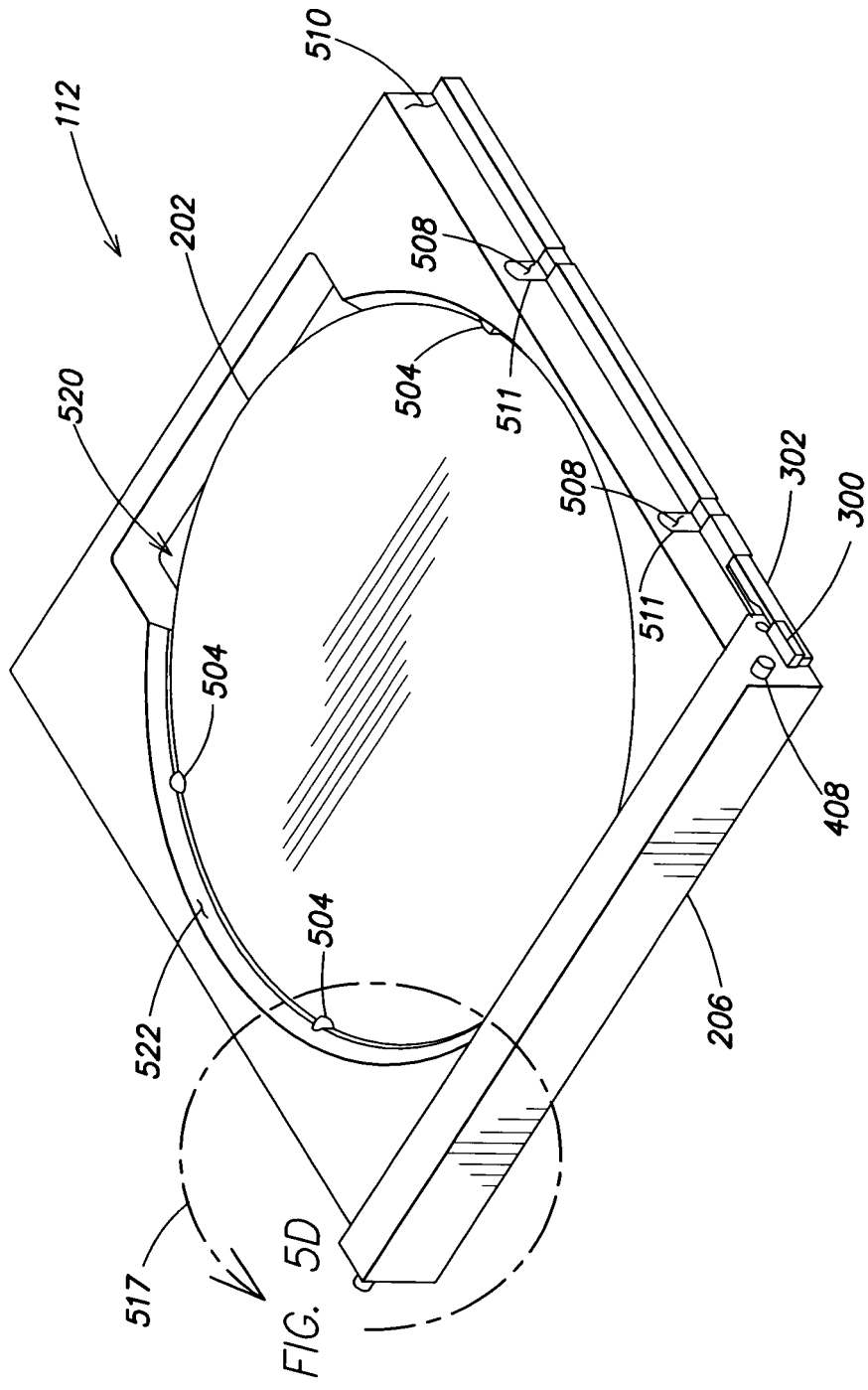


FIG. 5C



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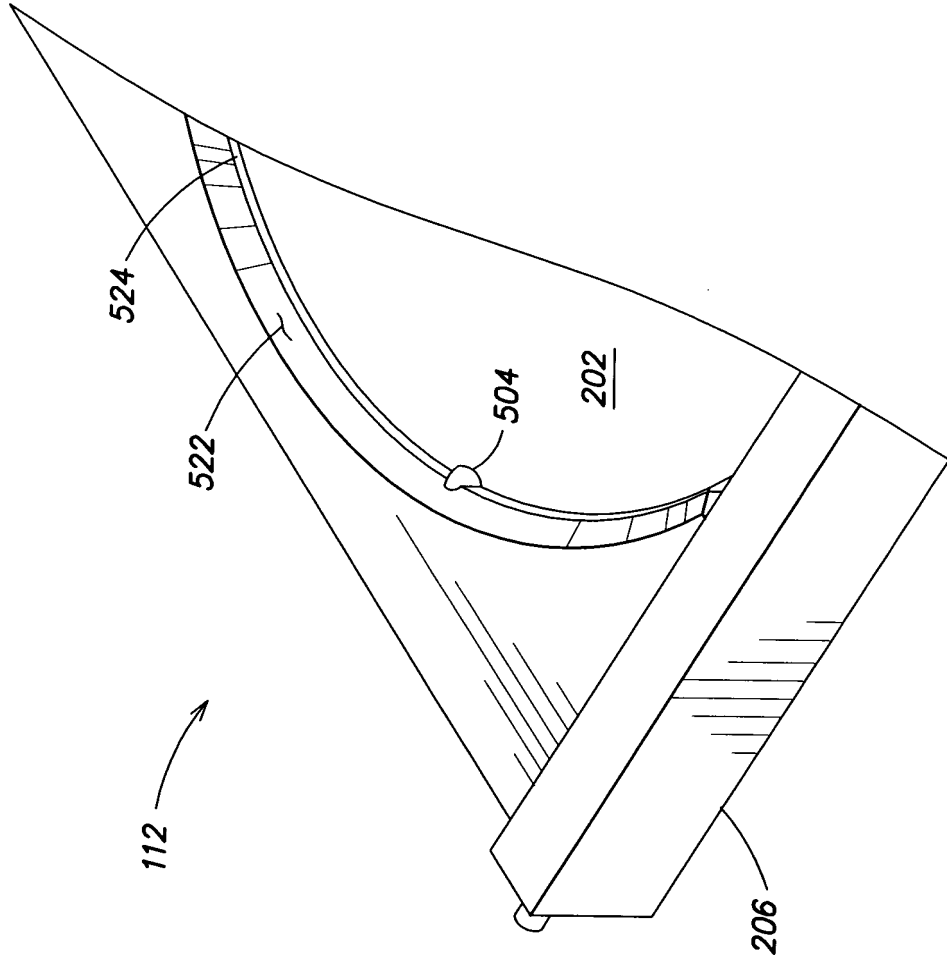


FIG. 5D



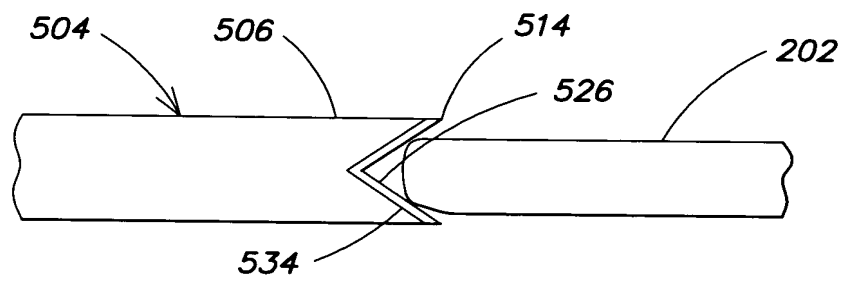
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**FIG. 6A**



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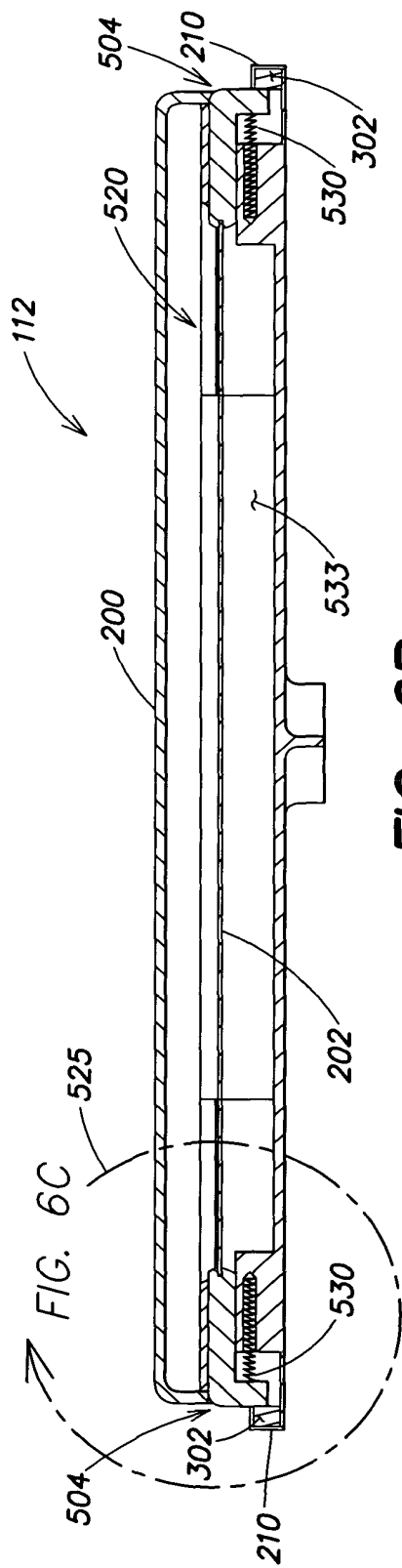


FIG. 6B

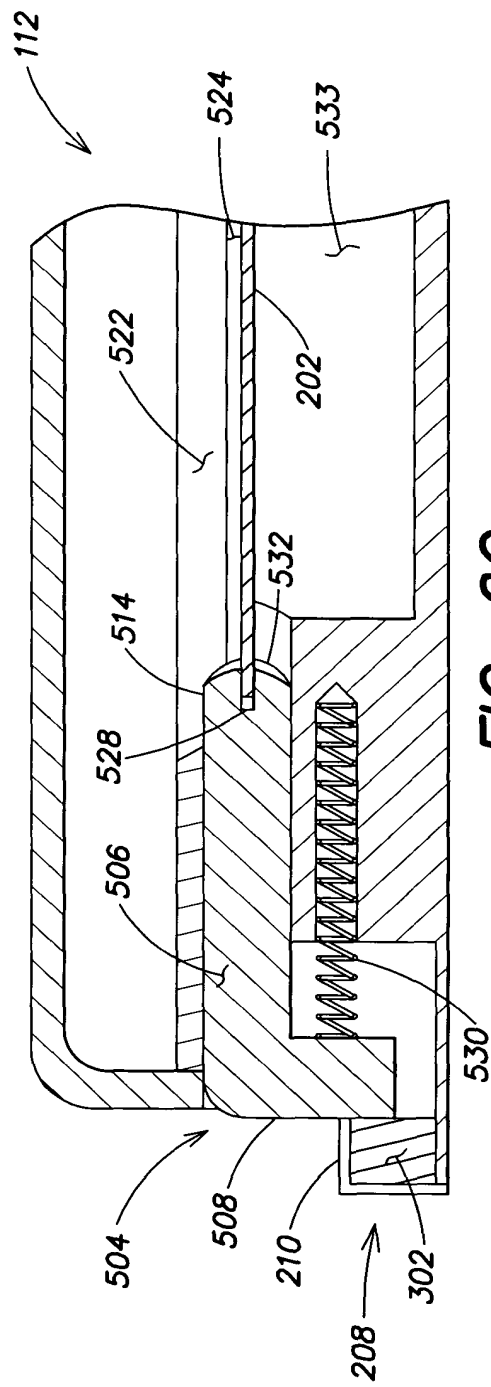


FIG. 6C



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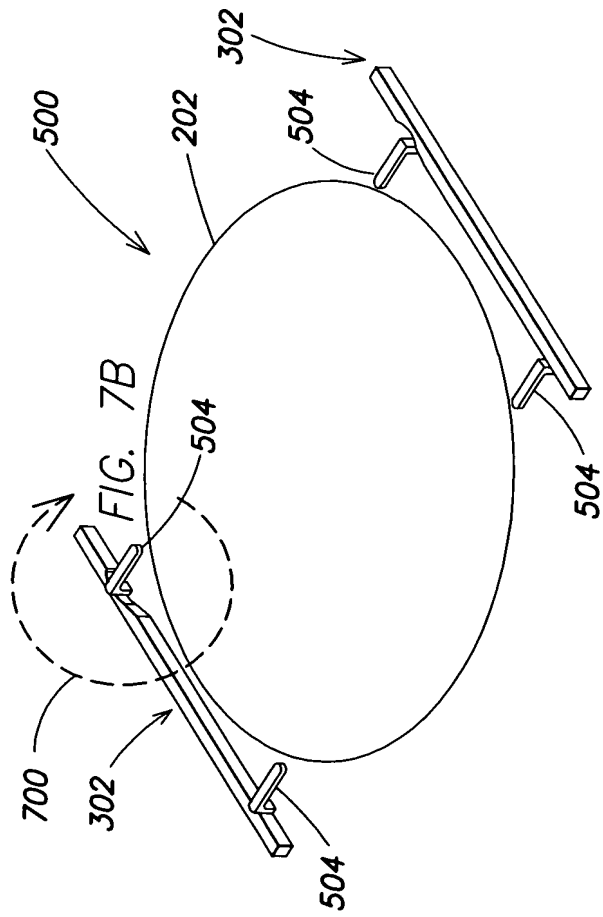


FIG. 7A

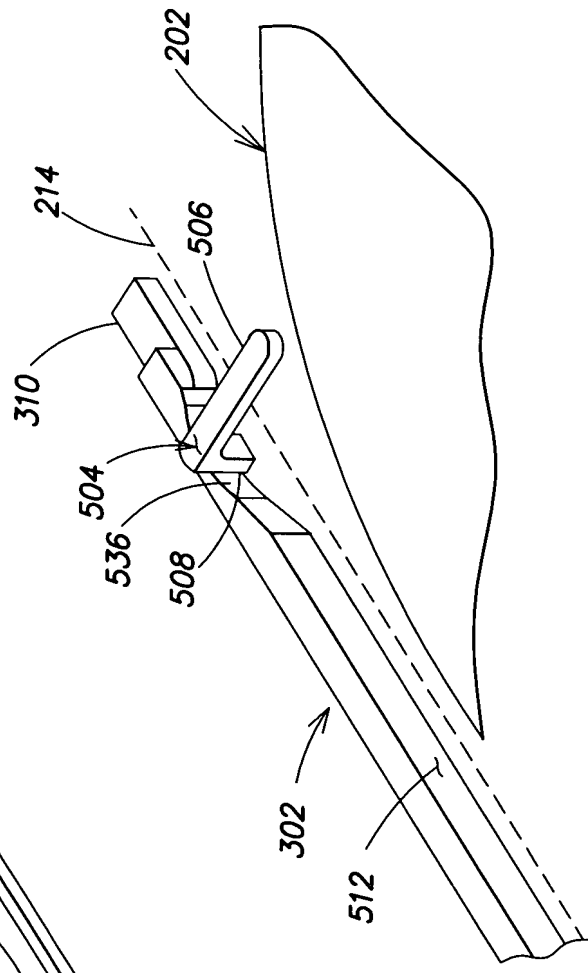


FIG. 7B



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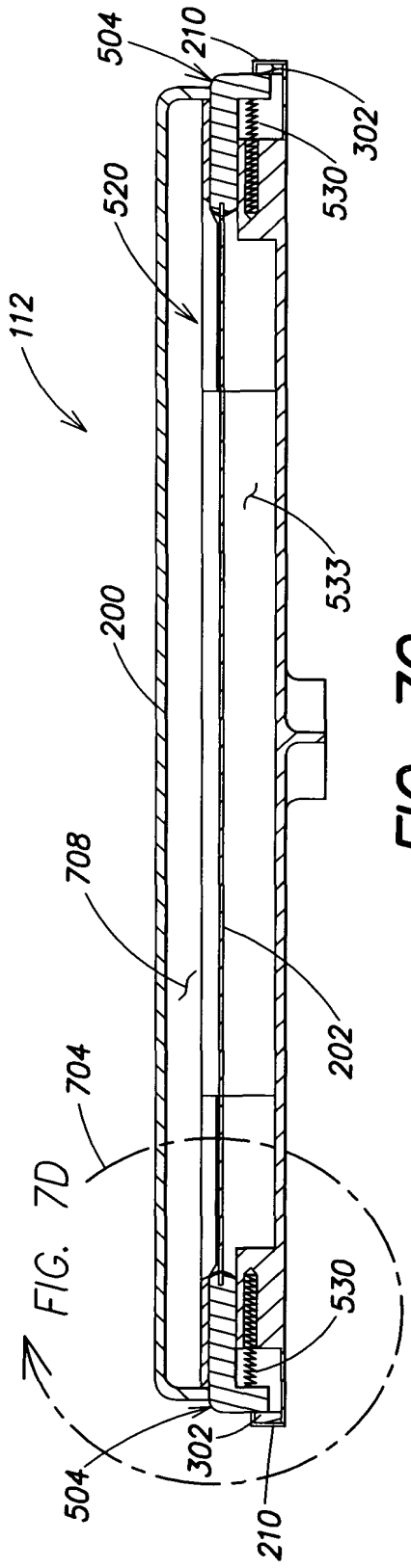


FIG. 7C

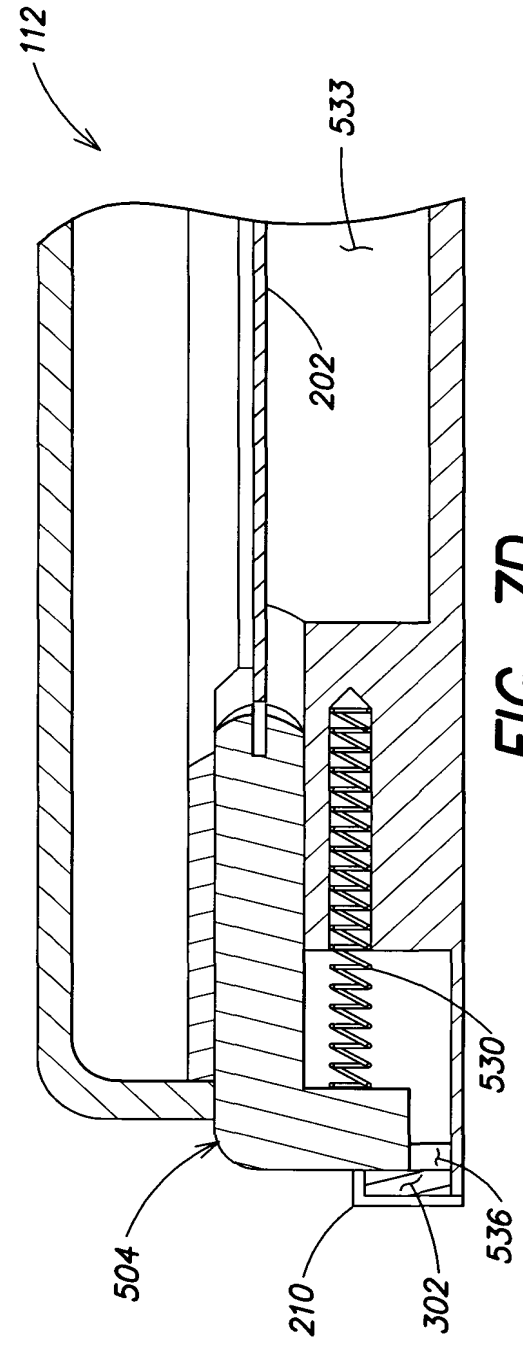


FIG. 7D



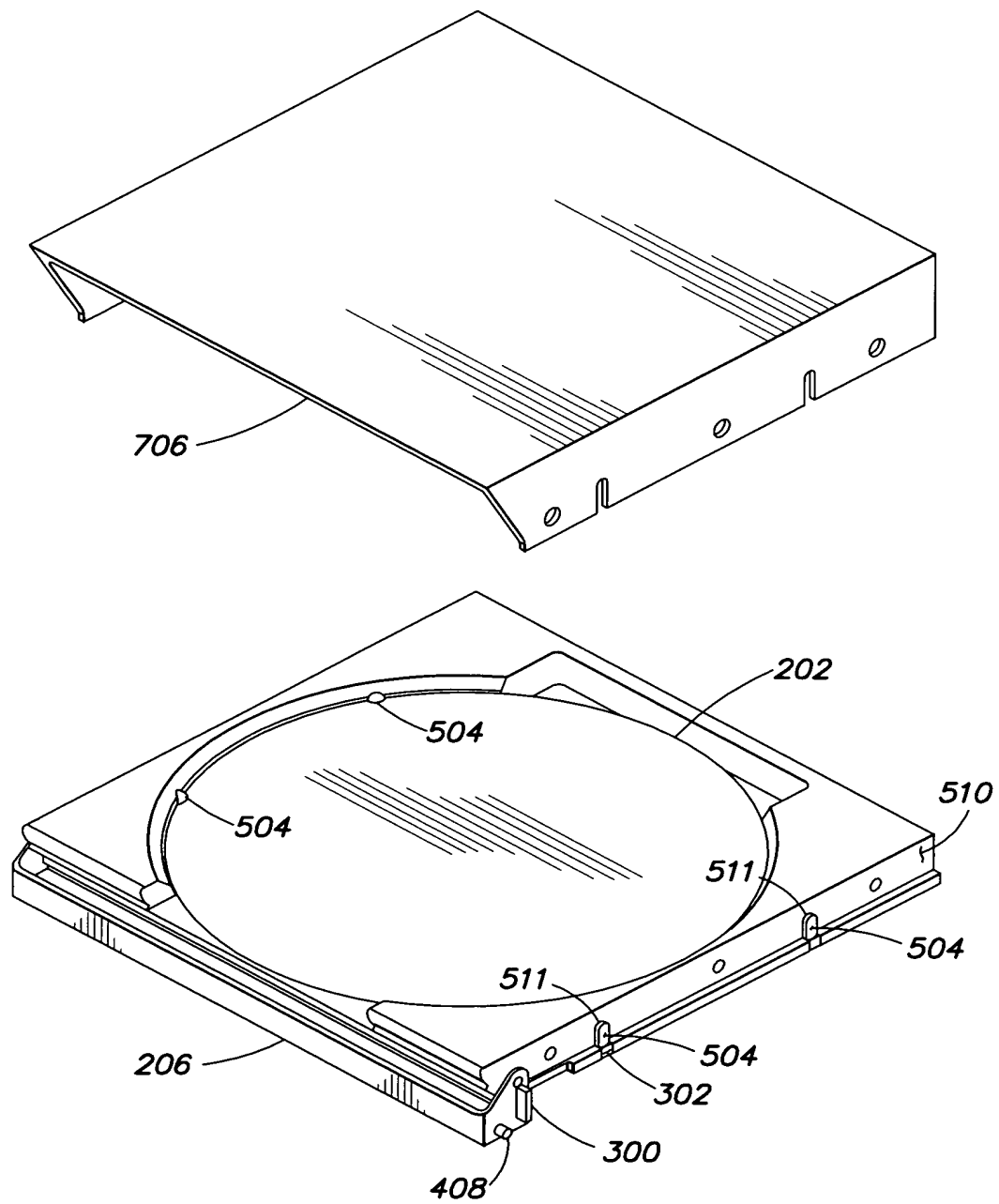
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**FIG. 7E**



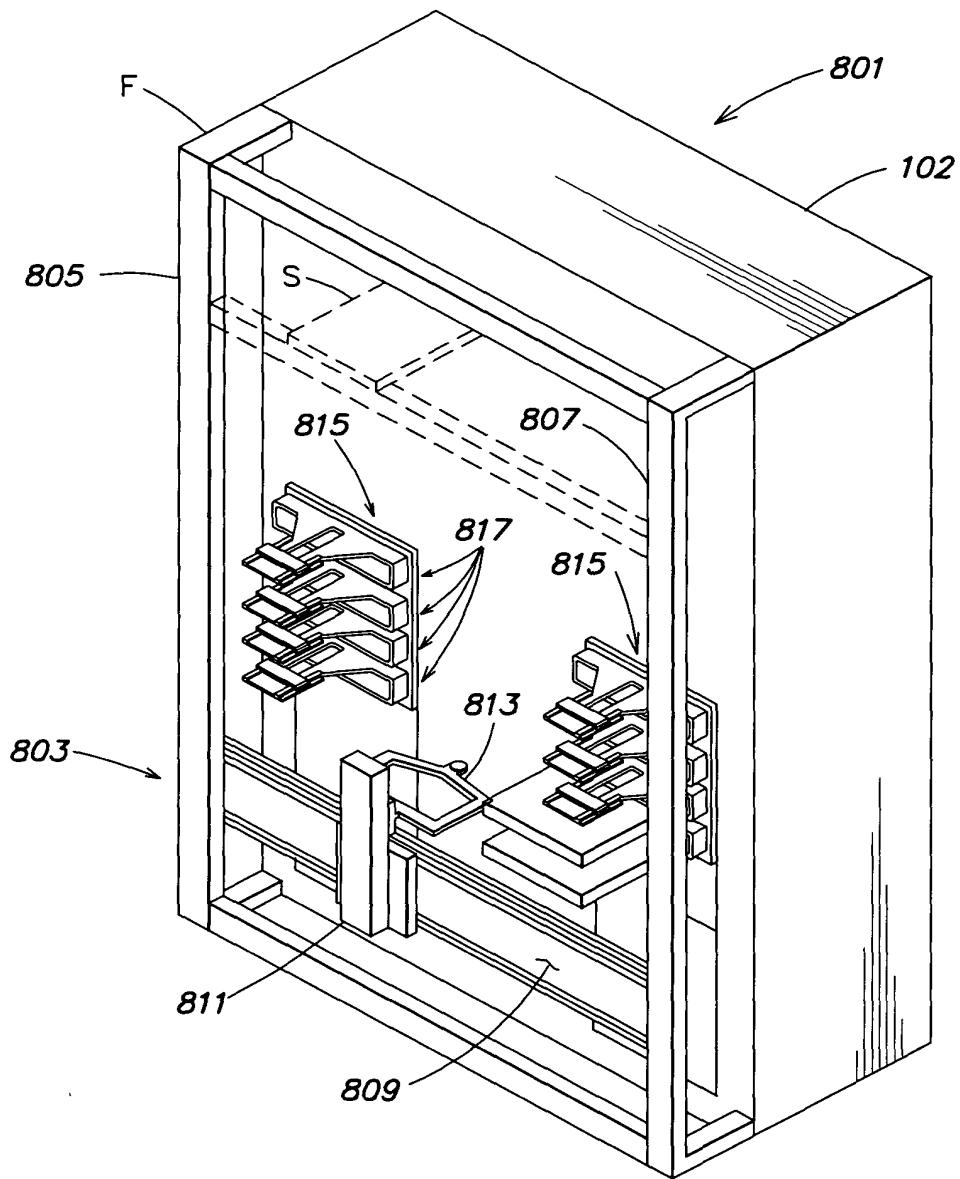
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**FIG. 8**



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